

Form PTO-1449 (MODIFIED)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO. 065640-0210		SERIAL NO. Unassigned		
INFORMATION DISCLOSURE CITATION <i>(Use several sheets if necessary)</i>				APPLICANT Majid ENTEZARIAN et al.				
				FILING DATE August 4, 2003		GROUP ART UNIT Unassigned 1724		
U.S. PATENT DOCUMENTS								
EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE IF APPROPRIATE	
RAH ↓ RAH	A1	2003/101986	06/05/2003	Maier	_____	_____		
	A2	6,468,323	10/22/2002	Chwala	_____	_____		
	A3	6,464,770	10/15/2002	Palm et al.	_____	_____		
	A4	6,454,825	09/24/2002	Cheimets et al.	_____	_____		
	A5	6,432,177	08/13/2002	Dallas et al.	_____	_____		
	A6	6,340,379	01/22/2002	Penth et al.	_____	_____		
FOREIGN PATENT DOCUMENTS								
	REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION	
							YES	NO
RAH ↓ RAH	A51	1,014,594	12/31/1965	Great Britain	_____	_____		
	A52	1,255,268	12/01/1971	Great Britain	_____	_____		
	A53	DD 74 699	07/12/1970	Germany	_____	_____		X
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)								
RAH ↓ RAH	A54	G. Elliott et al., "The Increasing Use of Ceramic Filters in Air Pollution Control Applications," Filtr. Sep. Vol. 34, No. 4, pp. 331-335, 1997, Elsevier Science Ltd.						
	A55	N. Singh et al., "Process Design and Economic Analysis of A Ceramic Membrane System for Microfiltration of Corn Starch Hydrolysate," Journal of Food Engineering, Vol. 38, No. 1, pp. 57-67, 1998, Elsevier Science Ltd.						
	A56	M. VandenBoom, Greenheck Product Presentation, 26 pgs., 10/23/2002						
	A57	J. Clark, "Commercial Kitchen Ventilation/IMC-2000," pp. 1-7 (date unknown)						
	A58	United Air Specialists, Inc., Promotional Materials for "Smog-Hog," 4 pgs., 2001						
	A59	Greenheck, Various Promotional Materials, 10 pgs., (date unknown)						
RAH ↓ RAH	A60	M. Sherer, "Clearing the Air," pp. 228-31, Foodservice Equipment Report, June 2003						
	A61	J. Clark, "Commercial Kitchen Ventilation Design: What You need to Know," Engineered Systems, 01/29/2003						
EXAMINER Ruth Hye				DATE CONSIDERED 2-3-05				
<p>* EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include any copy of this form with next communication to applicant.</p>								

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				FILING DATE August 4, 2003		GROUP ART UNIT Unassigned 1704		
U.S. PATENT DOCUMENTS								
EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE IF APPROPRIATE	
ZAH	A7	6,290,742	09/18/2001	Pakkala et al.				
	A8	6,168,651	01/02/2001	Tuma et al.				
	A9	6,095,037	08/11/2000	Savage et al.				
	A10	6,079,407	06/27/2000	Lai				
	A11	6,077,800	06/20/2000	Takahashi et al.				
	A12	6,077,335	06/20/2000	Schneider et al.				
	A13	6,041,772	03/28/2000	Ward et al.				
	A14	6,010,558	01/04/2000	Ackland				
	A15	5,997,618	12/07/1999	Schneider et al.				
	A16	5,810,895	09/22/1998	Stachle et al.				
	A17	5,776,354	07/07/1998	van der Meer et al.				
	A18	5,766,458	06/16/1998	Sekhar et al.				
	A19	5,750,026	05/12/1998	Gadkaree et al.				
	A20	5,700,973	12/23/1997	Siddiqui				
	A21	5,632,889	05/27/1997	Tharp				
	A22	5,628,916	05/13/1997	Stevens et al.				
	A23	5,624,875	04/29/1997	Nakanishi et al.				
	A24	5,567,090	10/22/1996	Basak et al.				
	A25	5,512,088	04/30/1996	McKenzie				
	A26	5,486,370	01/23/1996	Bivens				
	A27	5,442,924	08/22/1995	Tsai et al.				
	A28	5,404,799	04/11/1995	Bivens				
	A29	5,209,887	05/11/1993	Von Blücher et al.				
	A30	5,154,743	10/13/1992	Takato et al.				
	A31	5,003,693	04/02/1991	Atkinson et al.				
	A32	4,908,050	03/13/1990	Nagashima et al.				
	A33	4,816,499	03/28/1989	Nomura et al.				
	A34	4,805,525	02/21/1989	Bivens				
	ZAH	A35	4,721,624	01/26/1988	Schumann			

Robert A. —

2-3-05

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PATENT AND TRADEMARK OFFICE

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065640-0210

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INFORMATION DISCLOSURE CITATION

(Use several sheets if necessary)

APPLICANT

Majid ENTEZARIAN et al.

FILING DATE

August 4, 2003

GROUP ART UNIT

~~Unassigned~~

U.S. PATENT DOCUMENTS

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Substitute for form 1449B/PTO		Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT		Application Number	10/632,805
Date Submitted: July 20, 2004		Filing Date	08/04/2003
(use as many sheets as necessary)		First Named Inventor	ENTEZARIAN
		Group Art Unit	1724
		Examiner Name	To be determined <i>Hopkins</i>
Sheet	1 of 2	Attorney Docket Number	065640-0210

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			
RAH		2003/0024393	A1	Lim	02/06/2003	
		2003/0024383	A1	Roberts et al.	02/06/2003	
		6,641,788	B1	Ogawa et al.	11/04/2003	
		6,630,016	B2	Koslow	10/07/2003	
		6,471,876	B1	Hansen et al.	10/29/2002	
		6,293,983	B1	More	09/25/2001	
		6,251,153	B1	Neitzel et al.	06/26/2001	
		6,237,587	B1	Sparling et al.	05/29/2001	
		6,165,519		Lehrer et al.	12/26/2000	
		6,074,177		Kobayashi et al.	06/13/2000	
		6,051,199		Teller	04/18/2000	
		6,042,628		Nishikiori et al.	03/28/2000	
		5,976,221		Bowman et al.	11/02/1999	
		5,792,360		Algar	08/11/1998	
		5,733,350		Muller et al.	03/31/1998	
		5,693,298		Bar-Ilan	12/02/1997	
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		5,145,648		Miyahara et al.	09/08/1992	
		5,124,177		Kasmark, Jr. et al.	06/23/1992	
		5,087,272		Nixdorf	02/11/1992	
		4,976,760		Hefferich et al.	12/11/1990	
		4,900,341		Csabai	02/13/1990	
		4,872,892		Vartiainen et al.	10/10/1989	
		4,708,000		Besik	11/24/1987	
		4,682,992		Fuchs	07/28/1987	
		4,610,705		Samosky et al.	09/09/1986	
		4,604,110		Frazier	08/05/1986	
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		4,484,563		Fritz et al.	11/27/1984	
		4,388,086		Bauer et al.	06/14/1983	
		4,350,504		Diachuk	09/21/1982	
		4,231,768		Seibert et al.	11/04/1980	
		4,126,433		Forssberg et al.	11/21/1978	
		4,292,285		Nakao et al.	09/29/1981	
		3,354,623		Keller	11/28/1967	
		1,872,892		Clanton	08/23/1932	

Examiner Signature

RAH

Date Considered

2-3-05

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¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that Issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document.

⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

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Substitute for form 1449B/PTO		Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT Date Submitted: July 20, 2004 (use as many sheets as necessary)		Application Number	10/632,805
		Filing Date	08/04/2003
		First Named Inventor	ENTEZARIAN
		Group Art Unit	1724
		Examiner Name	To be determined Hopkins
Sheet 2 of 2		Attorney Docket Number	065640-0210

FOREIGN PATENT DOCUMENTS								
Examiner Initials*	Cite No. ¹	Foreign Patent Document			Name of Patentee or Applicant of Cited Documents	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Office ³	Number ⁴	Kind Code ⁵ (if known)				

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ⁶
RAH		"Grease-X-Tractor™ Centrifugal Filtration, Grease Grabber™-80 Two-Stage Filtration System, Greenheck, August 2003, 18 pages.	
		"Greenheck Takes the Grease Out of Kitchen Ventilation," December 2001, 4 pages.	
RAH		Engineering and Design ADSORPTION DESIGN GUIDE, Department of the Army, U.S. Army Corps of Engineers, March 1, 2001, 99 pages, Design Guide No. 1110-1-2.	

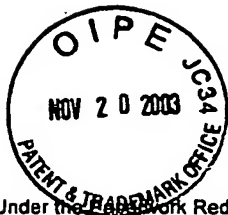
Examiner Signature	<i>Robert A. H.</i>	Date Considered	2-3-05
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Approved for use through 10/31/2002. OMB 0651-0031
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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Sheet 1 of 2				Filing Date	08/04/2003
				First Named Inventor	Majid ENTEZARIAN
				Group Art Unit	Unassigned - 1724
				Examiner Name	1724 H. H. H.
				Attorney Docket Number	065640-0210

U.S. PATENT DOCUMENTS						
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		Number	Kind Code ² (if known)			
KAH	A1	6,605,648	B1	Johnson et al.	08-12-2003	
	A2	5,342,422		Wimböck	08-30-1994	
	A3	5,133,786		Anderson	07-28-1992	
	A4	4,973,341		Richerson	11-27-1990	
	A5	4,944,782		Rajendran et al.	07-31-1990	
	A6	4,811,724		Aalto et al.	03-14-1989	
	A7	3,955,949		Rohrer	05-11-1976	
	A8	Des. 373,625		Pereira	09-10-1996	
KAH	A9	2003/0164093	A1	Brownell et al.	09-04-2003	

FOREIGN PATENT DOCUMENTS								
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		Office ³	Number ⁴	Kind Code ⁵ (if known)				
RAH	A10	WO	02/070105	A2	Fitch	09-12-2002		
	A11	EP	1 238 679	A1	ENEA – Ente Per Le Nuove Tecnologie, L'Energia E L'Ambiente	09-11-2002		
RAH	A12	EP	0 722 072	A2	Envirco Corporation	07-17-1996		

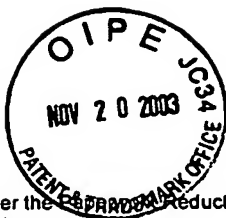
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		Examiner Name	1724 Hopkins
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RAH	A13	Greenheck Promotional Materials for "Grease Grabber" 80"™ (22 pgs.), 2002.	
	A14	Livchak et al., "The Facts Mechanical Grease", American Society of Heating, Refrigerating and Air-Conditioning Engineers, Inc., Copyright 2003, Kitchen Ventilation / A Supplement to ASHRAE Journal June 2003, (p. K14-K17, 4 pgs.)	
	A15	"List Prices Effective January 1, 2000, How to Order Flame Gard Grease Filters", Flame Gard, obtained from website @ www.flamegard.com , (4 pgs.).	
	A16	"Takmodul med flytande tätning", Luftfilter, obtained from website www.luftfilter.com , June, 2001, (4 pgs.).	
	A17	"Filter which puts the environment first", airMet Metal Filter, Luftfilter, obtained from website @ www.luftfilter.com , October, 2001, (8 pgs.).	
	A18	"Filter som sätter miljön i första rummet", airMet Metal Filter, Luftfilter, obtained from website @ www.luftfilter.com , February, 2001, (5 pgs.).	
JAH	A19	"We prioritise expertise", Luftfilter, obtained from website @ www.luftfilter.com , February, 1999, (4 pgs.).	

Examiner Signature		Date Considered	2-3-05
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U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Substitute for form 1449B/PTO Complete if Known

Substitute for form 1449B/PTO

Date Submitted: November 12, 2004

(use as many sheets as necessary)

Sheet

1

of

1

Complete if Known

Application Number

10/632,805

Filing Date

08/04/2003

First Named Inventor

Majid ENTEZARIAN

Group Art Unit

1724

Examiner Name


Hopkins, Robert A.

Attorney Docket Number

065640-0210

[illegible][illegible]

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RAH	A9	International Search Report for Application No. PCT/US2004/023377, 6 pages.	

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**Examiner
Signature**

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